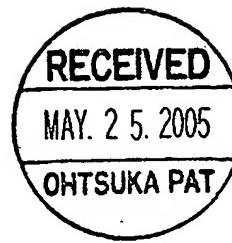


PATENT COOPERATION TREATY
PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)



Applicant's or agent's file reference P205-0056WO	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/JP2005/004851	International filing date (day/month/year) 11.03.2005	(Earliest) Priority Date (day/month/year) 12.03.2004
Applicant CANON KABUSHIKI KAISHA		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (See Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

PCT INTERNATIONAL SEARCH REPORT

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/004851

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The special technical feature of claims 1-26, 31-44 relates to a motion compensation means which generates motion vector information on the basis of the upper bits of frames, while the special technical feature of claims 27-30 relates to a coding means which performs motion compensation coding for a group comprising subbands of lower frequency components.

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
 2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: _____
 4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: _____

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 - No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/004851

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H04N7/30, 7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H04N7/24-7/68

H04N1/41-1/419

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996

Published unexamined utility model applications of Japan 1971-2005

Registered utility model specifications of Japan 1996-2005

Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 4-207280 A (MITSUBISHI Electric Corporation) 1992.07.29, page 2, upper left column, line 1 to lower left column, line 19, Fig. 3 (Family: none)	27-30
X	JP 5-191800 A (Nippon Telegraph and Telephone Corporation) 1993.07.30, whole document (Family: none)	27-30
A	JP 2-309777 A (SHARP Corporation) 1990.12.25, whole document (Family: none)	1-26, 31-44
A	JP 2000-13797 A (ASAHI Optical Co., Ltd.) 2000.01.14, whole document & US 6396955 B1	1-26, 31-44

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

06.05.2005

Date of mailing of the international search report

24.05.2005

Name and mailing address of the ISA/JP

Japan Patent Office

3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/004851

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-115765 A (SONY Corporation) 2003.04.18, whole document (Family: none)	1-26, 31-44
A	JP 2004-56632 A (Ricoh Co., Ltd.) 2004.02.19, whole document (Family: none)	9, 10, 22, 23, 4 0, 41
A	JP 2002-325257 A (SANYO Electric Co., Ltd.) 2002.11.08, whole document & EP 1233625 A2 & US 2002/154823 A1	9, 10, 22, 23, 4 0, 41
A	JP 2000-125304 A (Nippon Telegraph and Telephone Corporation) 2000.04.28, whole document (Family: none)	1-44
A	JP 2001-112004 A (MITSUBISHI Electric Corporation) 2001.04.20, whole document (Family: none)	1-44